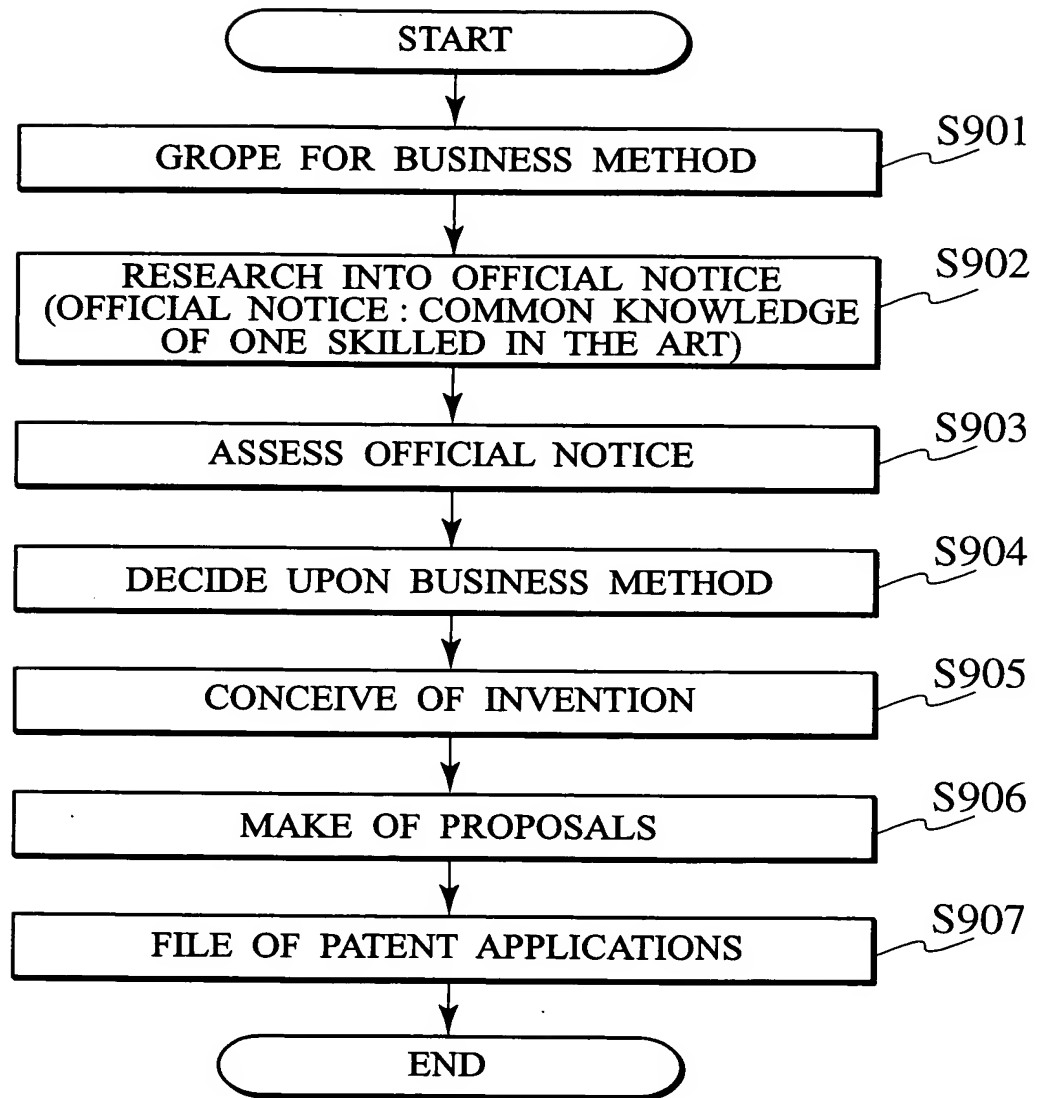


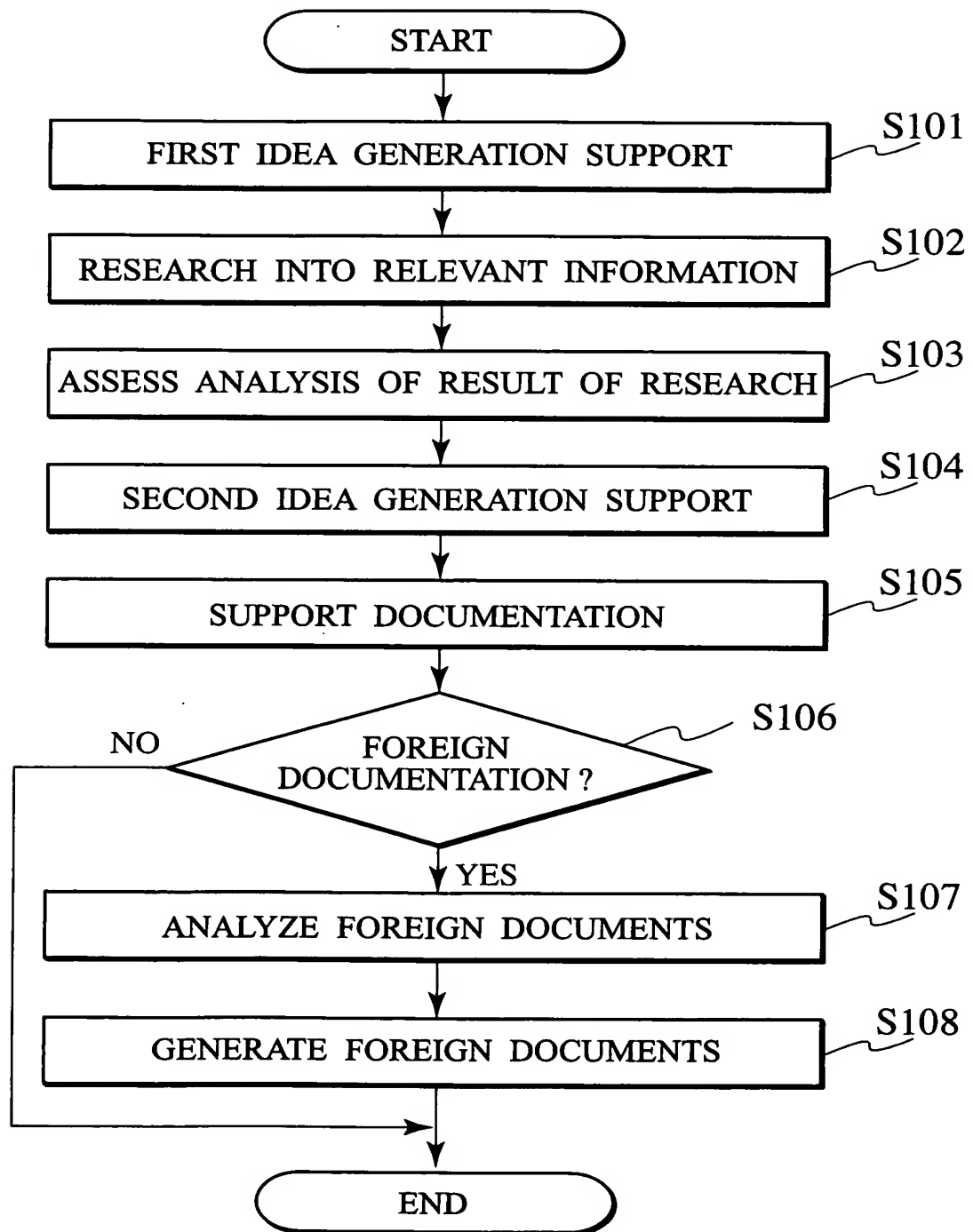
1/37

FIG. 1



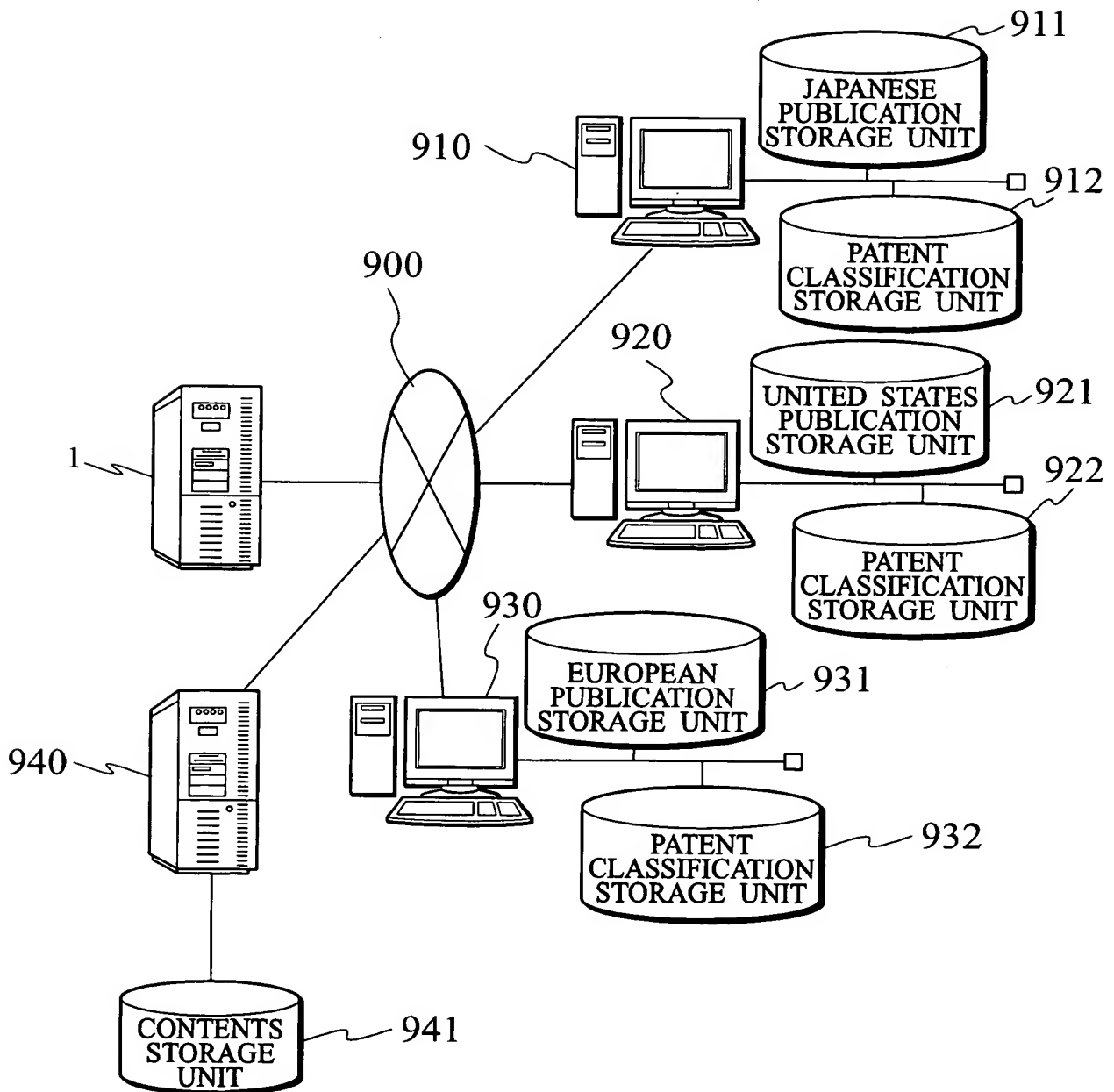
2/37

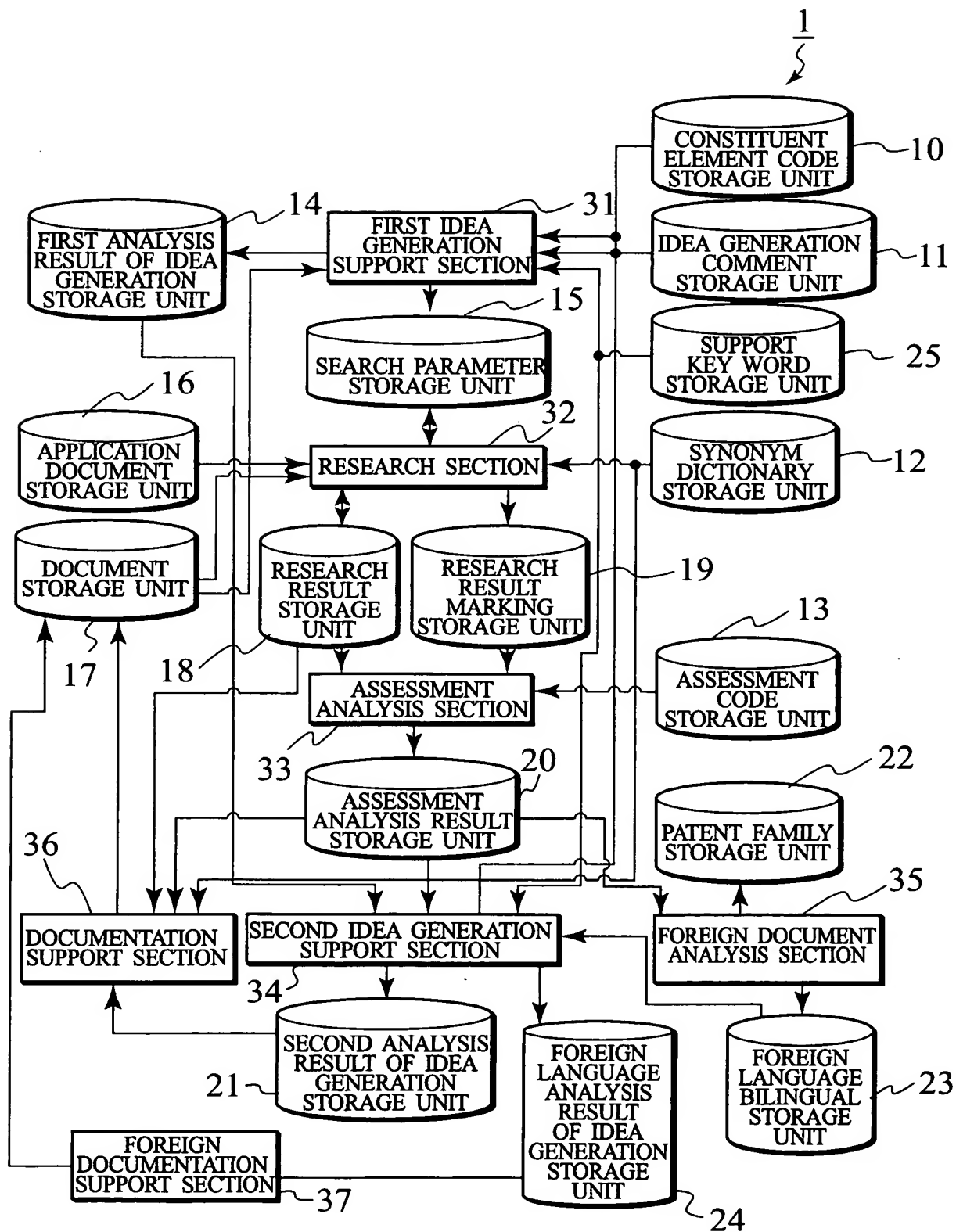
FIG. 2



3/37

FIG. 3





5/37

FIG. 5

10

CONSTITUENT ELEMENT CODE	CONSTITUENT ELEMENT
E01	ROLLER
E02	LUBRICANT
E03	CPU
E04	CAD
⋮	⋮

6/37

FIG. 6

11

COMMENT CODE	COMMENTS
C00	NONE (INITIAL VALUE)
C01	NEEDS (SUPPLIER)
C02	NEEDS (USER)
C03	SEEDS
C04	PROPOSAL REFLECTION
C05	HIGH MARGIN PERCENTAGE
C06	HIGH RISK
C07	COST REDUCTION
C08	SPEEDUP
C09	RELIABILITY IMPROVEMENT
C10	LEADING TO MINIATURIZATION
:	:

FIG. 7

12

KEY WORD	SYNONYM	BROAD TERM	NARROW TERM
COMPUTER	ELECTRONIC CALCULATOR INFORMATION PROCESSOR PERSONAL COMPUTER	INFORMATION EQUIPMENT OFFICE EQUIPMENT	WORKSTATION WEARABLE COMPUTER MOBILE COMPUTER
CPU	CENTRAL PROCESSING ARITHMETIC UNIT ARITHMETIC UNIT CENTRAL PROCESSING UNIT		
:	:	:	:

7/37

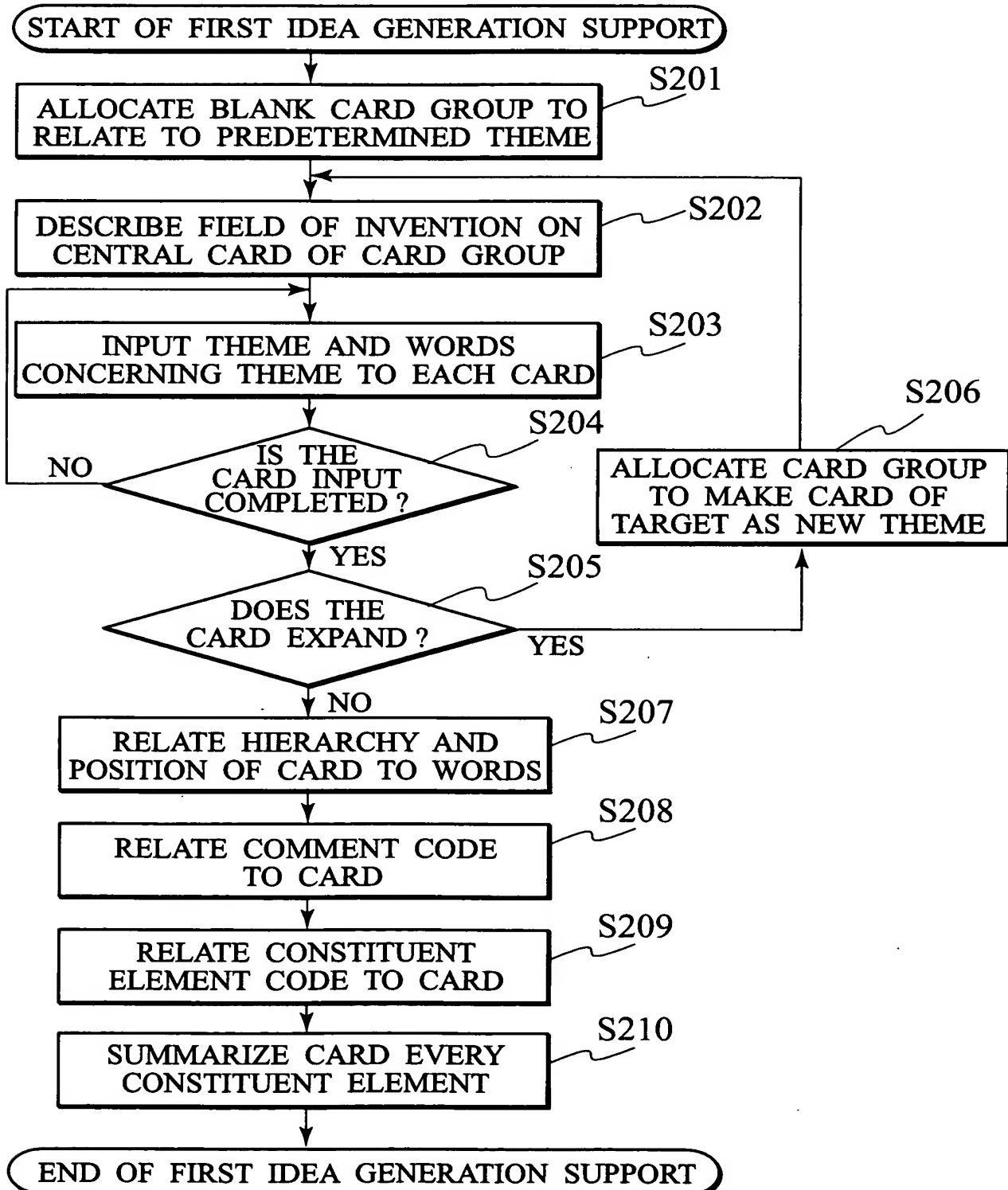
FIG. 8

14

CARD No.	HIERARCHY	POSITION	PARENT CARD No.	THEME	WORDS	COMMENT CODE	CONSTITUENT ELEMENT CODE
1	0	0	-	PRESS APPARATUS			
2	0	1	-	RELIABILITY IMPROVEMENT	AIM AT ERROR RATE TO 7% OR LESS	C01	
3	0	2	-	PRODUCTIVITY IMPROVEMENT	AIM AT 10-FOLD IMPROVEMENT	C01	
4	0	3	-	COST REDUCTION	10% COST CUTTING	C01	
1	1	1	2	PROCESSING SPEEDUP	AIM AT 10-FOLD IMPROVEMENT	C01	
21a	2	a	21	TRANSPORTATION SPEEDUP	FEAR OF QUALITY DEGRADATION	C02	
21b	2	b	21	ROLLER SPEEDUP	AUTOMATIZATION OF CONTROLLER	C02	E01
1	1	1	1				

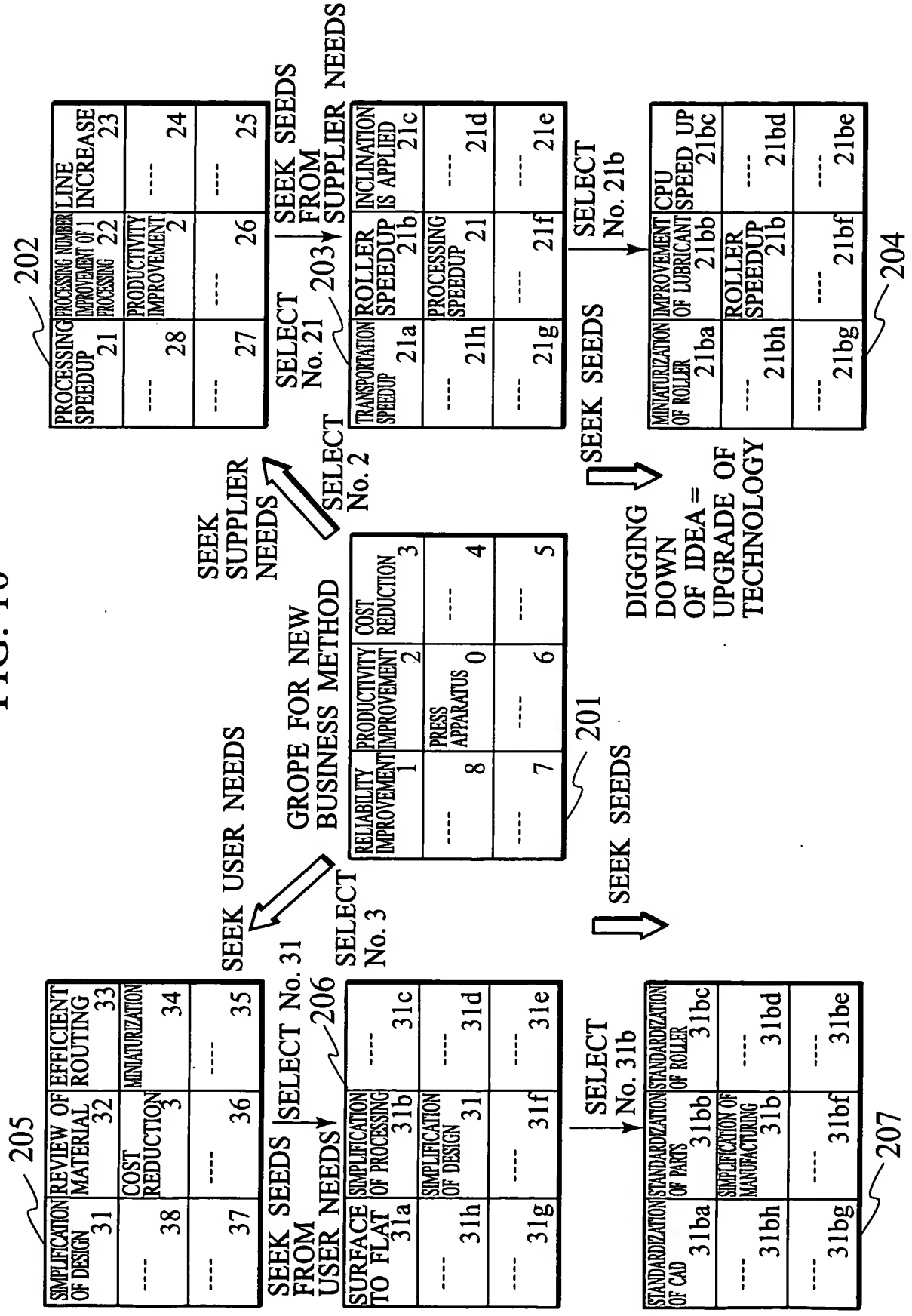
8/37

FIG. 9



9/37

FIG. 10



10/37

FIG. 11A

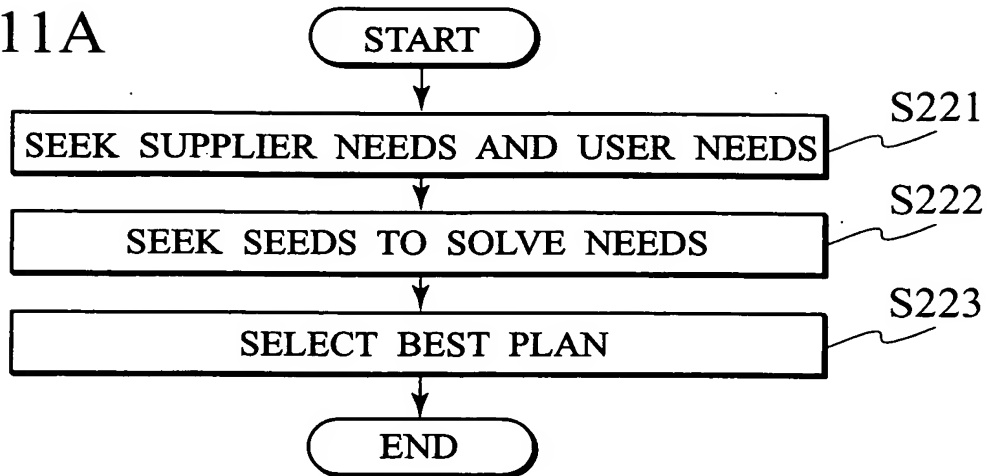


FIG. 11B

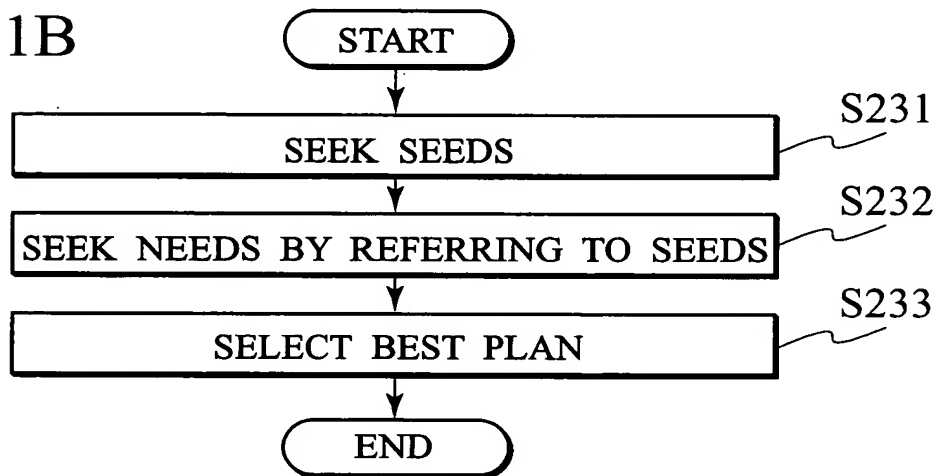
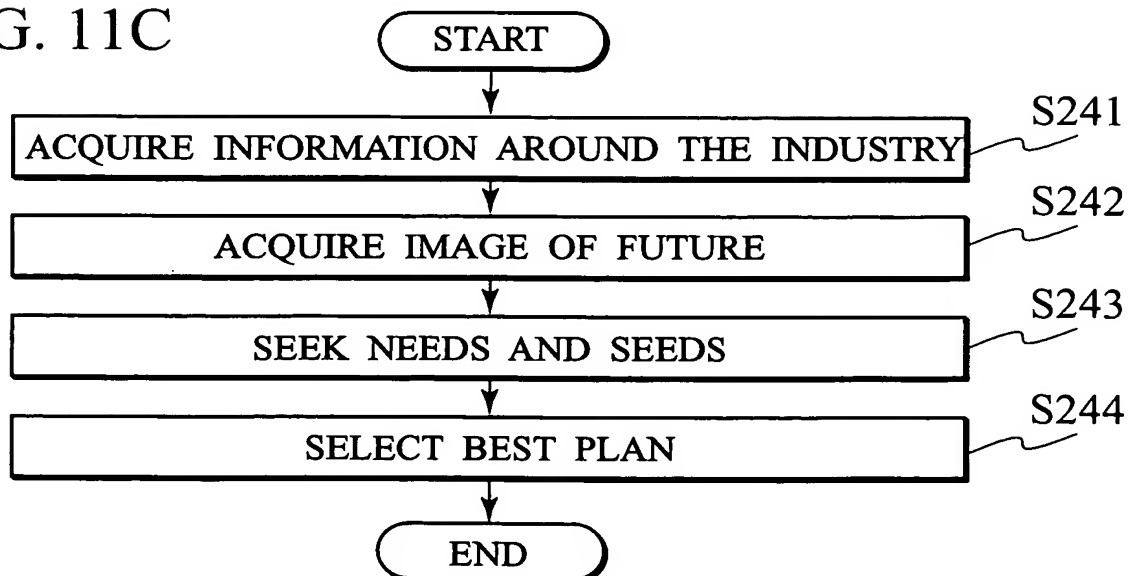


FIG. 11C



11/37

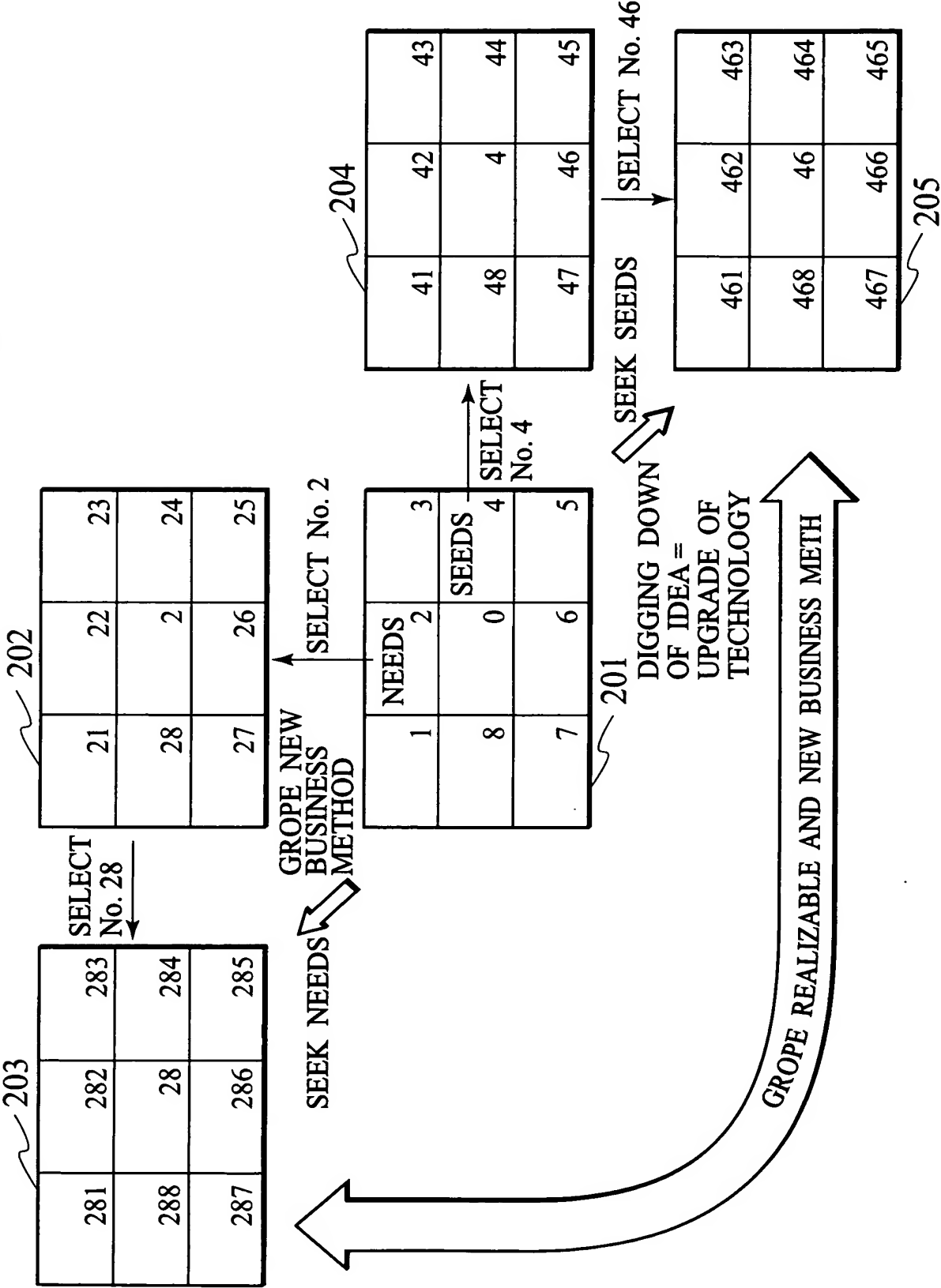
FIG. 12

CONSTITUENT ELEMENT INDICATING SECTION 251 SUPPLIER CARD INDICATING SECTION 252 USER CARD INDICATING SECTION 253

CONSTITUENT ELEMENT	SUPPLIER NEEDS/SEEDS	USER NEED/SEEDS
ROLLER	MINIATURIZATION OF ROLLER → ROLLER SPEEDUP → PROCESSING SPEEDUP → PRODUCTIVITY IMPROVEMENT	STANDARDIZATION OF ROLLER → SIMPLIFICATION OF MANUFACTURING → SIMPLIFICATION OF DESIGN → COST REDUCTION
LUBRICANT
CPU

P201

FIG. 13



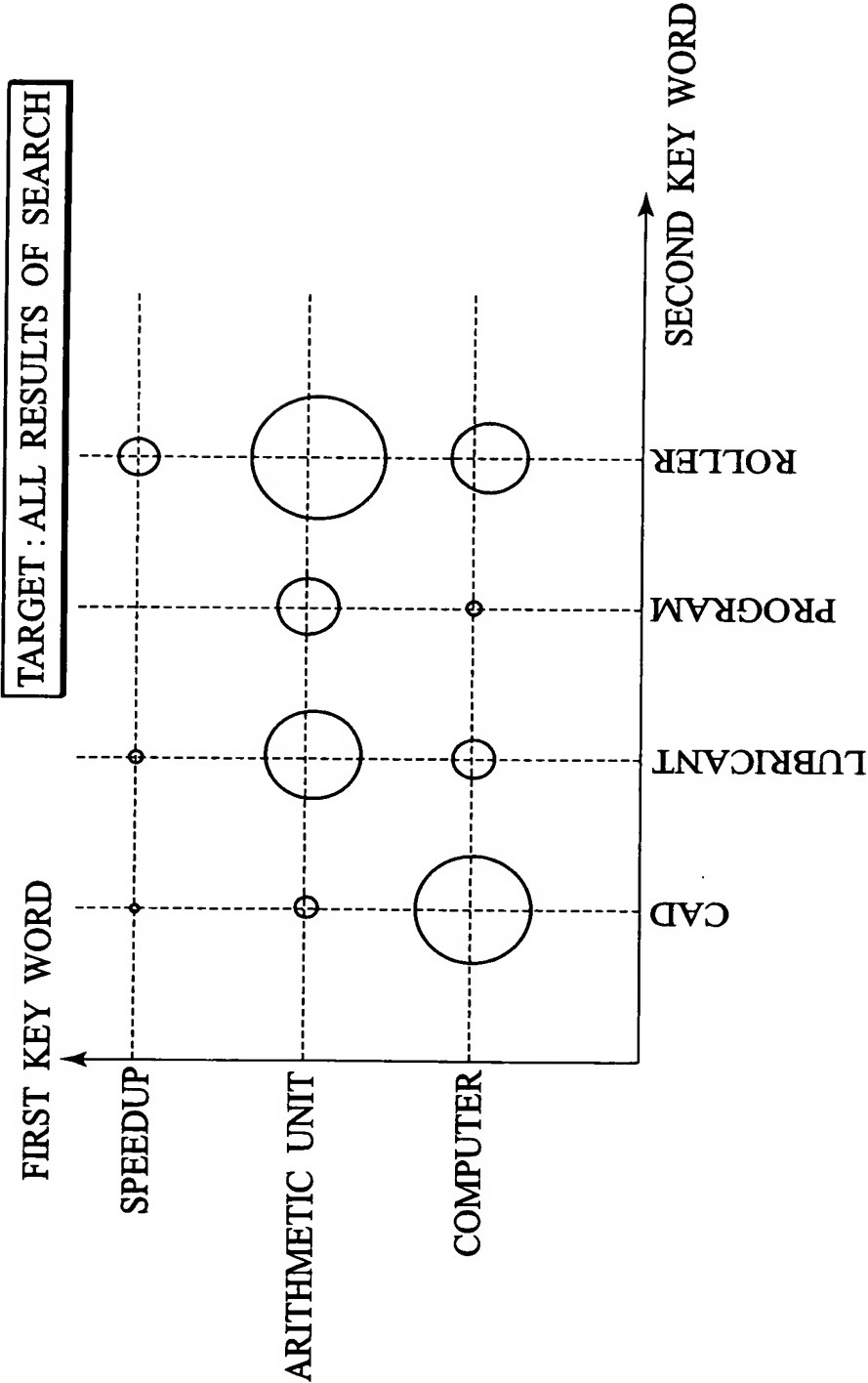
13/37

FIG. 14

15

ITEM	SEARCH KEY
SPECIFICATION	COMPUTER, ELECTRONIC CALCULATOR, INFORMATION EQUIPMENT
CLAIMS	CPU, CENTRAL PROCESSING ARITHMETIC UNIT, ARITHMETIC UNIT
ADVANTAGE	SPEEDUP, PROCESSING SPEEDUP
PATENT CLASSIFICATION	G06F17/00
...	...

FIG. 15



15/37

FIG. 16A

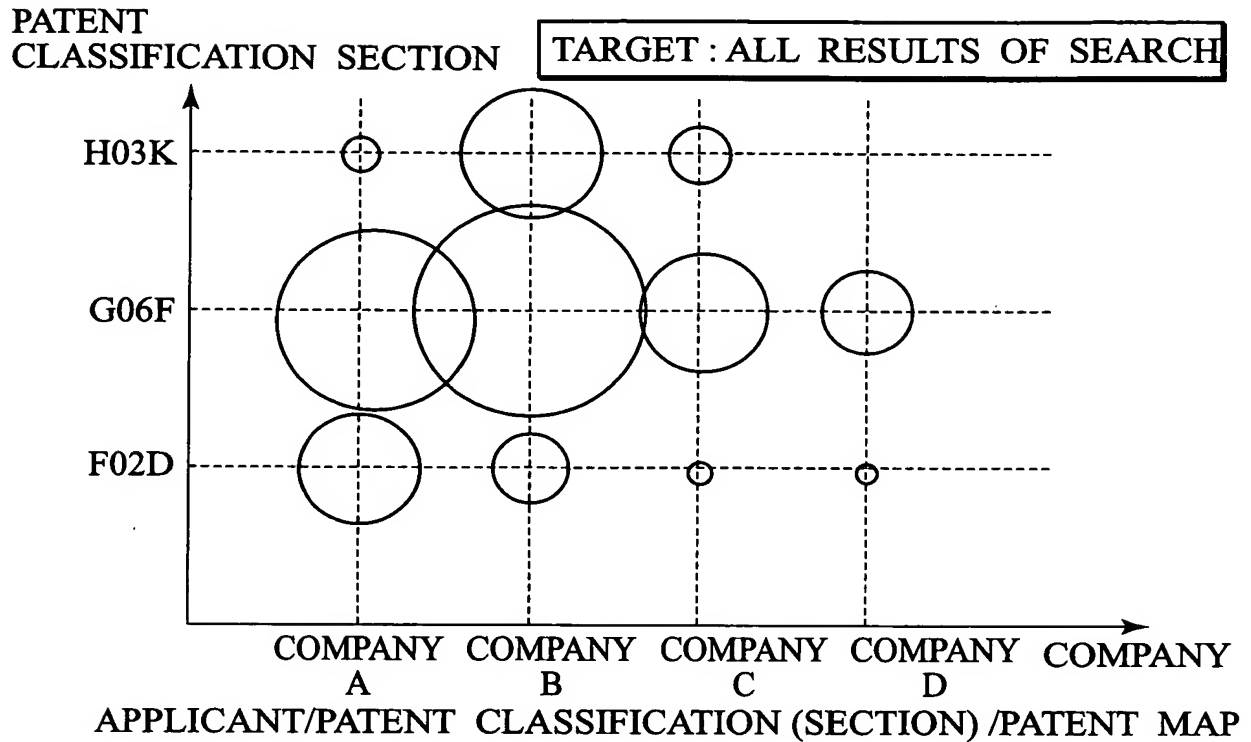
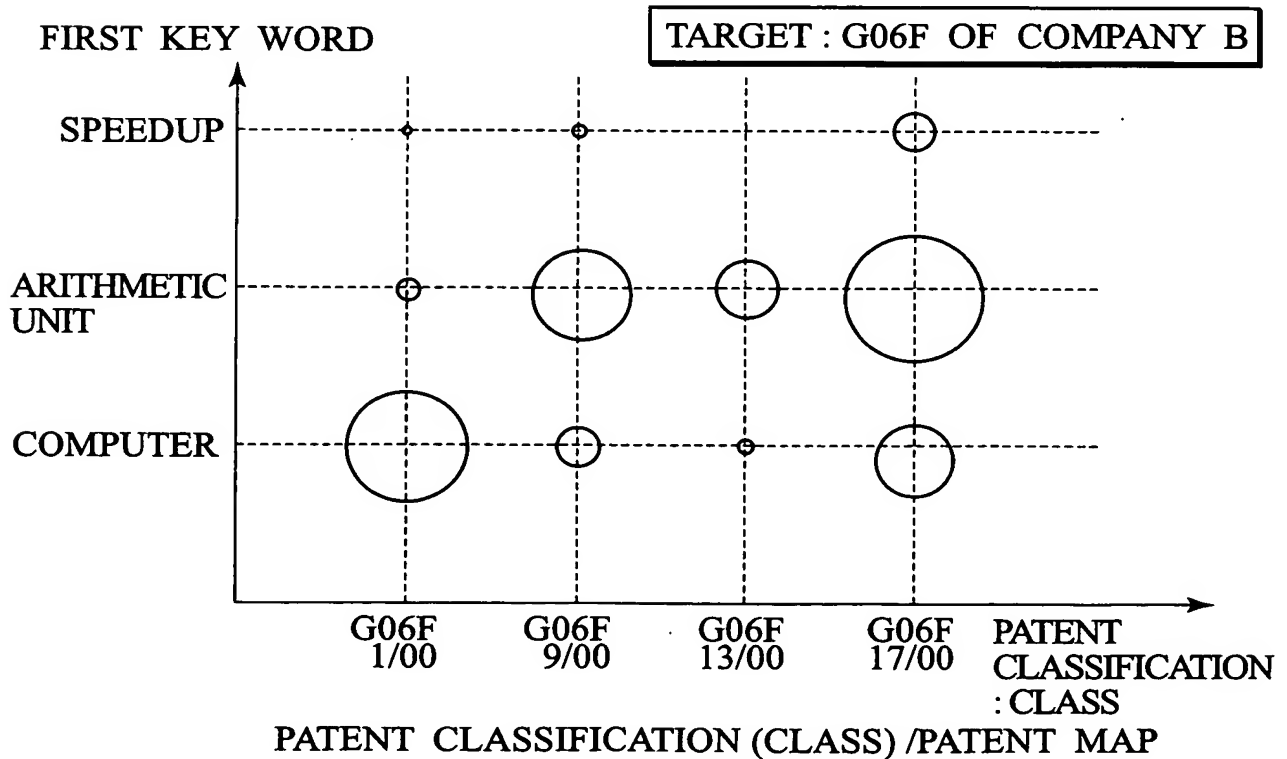
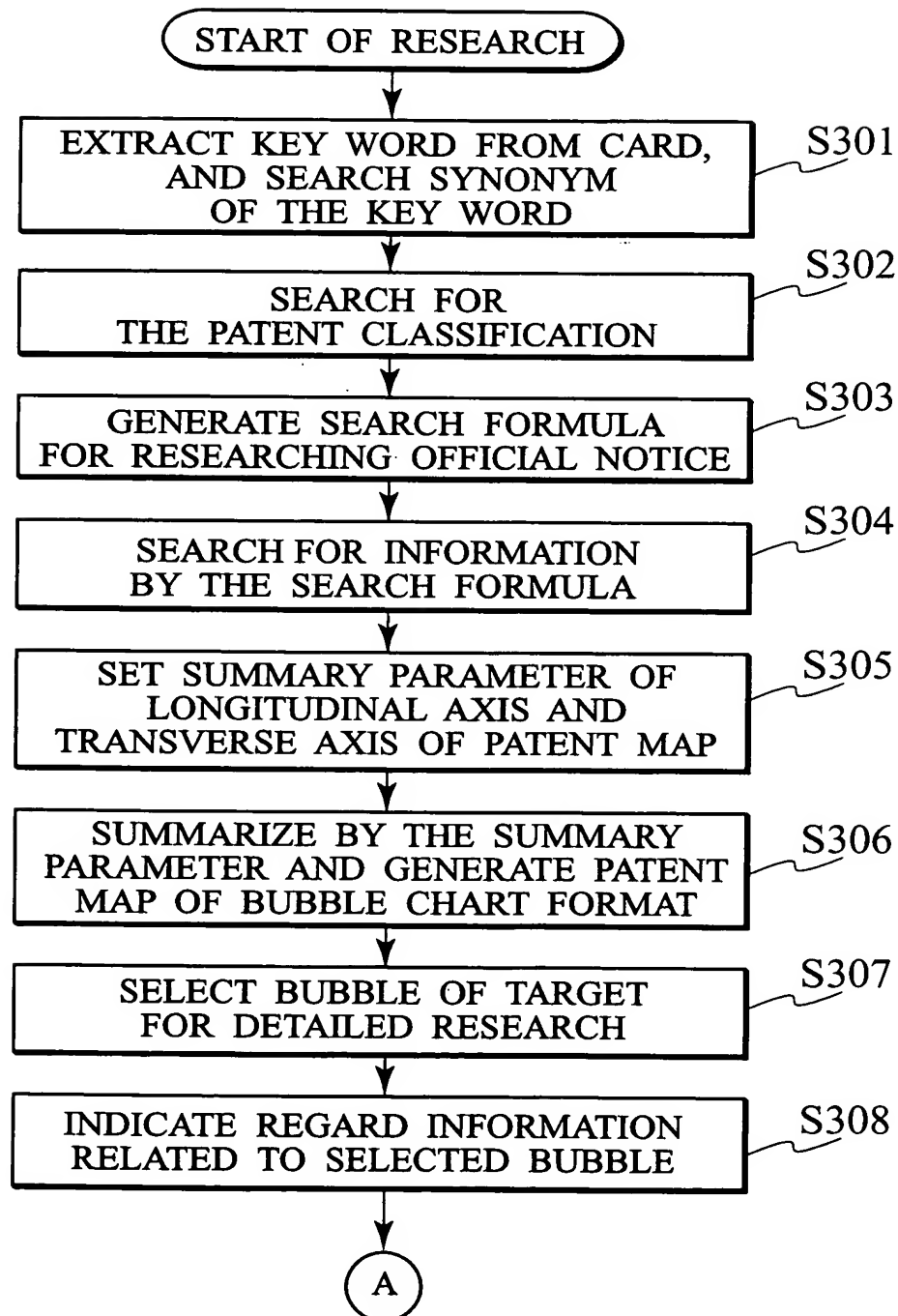


FIG. 16B



16/37

FIG. 17A



17/37

FIG. 17B

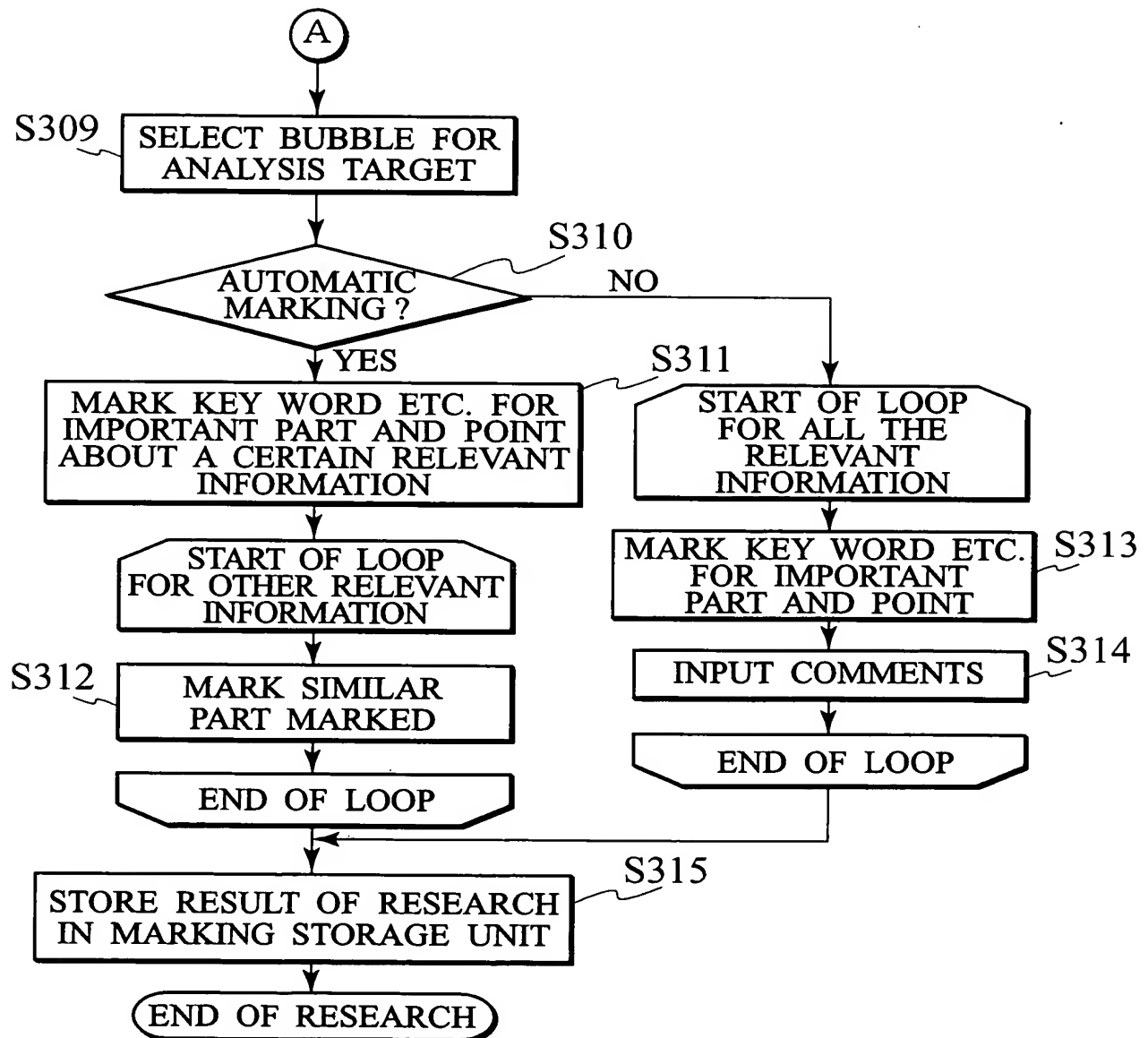


FIG. 18

L301

APPLICATION OF GF06F BY COMPANY B	• JAPANESE PATENT LAID OPEN PUBLICATION (KOKAI) No. 2002-XXXXX	DRAWINGS
<div data-bbox="521 1388 1271 1969" data-label="List-Group"><ul style="list-style-type: none">• <u>JAPANESE PATENT LAID OPEN</u> (KOKAI) No. 2002-XXXXX• JAPANESE PATENT LAID OPEN (KOKAI) No. 2001-XXXXX• JAPANESE PATENT LAID OPEN (KOKAI) No. 2001-XXXXX• JAPANESE PATENT LAID OPEN (KOKAI) No. 2000-XXXXX• JAPANESE PATENT LAID OPEN (KOKAI) No. H11-XXXXX• JAPANESE PATENT LAID OPEN (KOKAI) No. H11-XXXXX• JAPANESE PATENT LAID OPEN (KOKAI) No. H10-XXXXX<div data-bbox="1218 1638 1250 1680">⋮</div></div>	<div data-bbox="521 548 1271 1388" data-label="Text"><p>[CLAIMS] [CLAIM 1] A XXXX program characterized by comprising: a central processing arithmetic unit foring</p><p>[DETAILED DESCRIPTION OF THE INVENTION] [0001] [FIELD OF THE INVENTION] The present invention relates to</p><p>[0002] [PRIOR ART]</p></div>	<div data-bbox="521 262 1271 548" data-label="Complex-Block"><p>[FIG. 1]</p><div data-bbox="633 294 860 514"></div></div>

18/37

301

302

303

P301

19/37

FIG. 19

13

ASSESSMENT CODE	ASSESSMENTS
0	NONE (INITIAL VALUE)
101	REFERENCE TO CLAIMS
102	REFERENCE TO PRIOR ART
103	REFERENCE TO APPLICATION FIELD
⋮	⋮
201	NON-RELEVANCY
202	RELEVANCY
⋮	⋮
301	REQUIREMENT TO RESEARCH OF PROSECUTION HISTORY PURSUIT
⋮	⋮

20/37

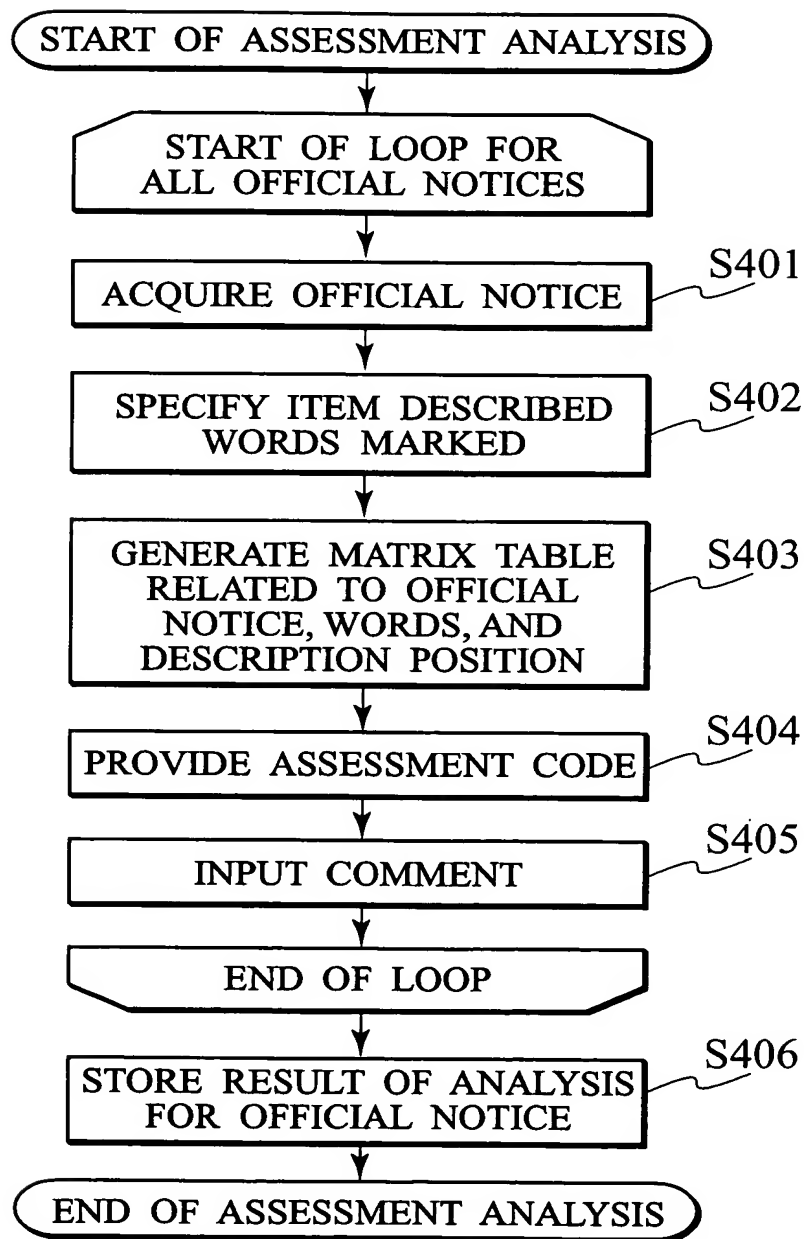
FIG. 20

20

PUBLICATION No.	CLAIMS	PRIOR ART	EMBODIMENT	ASSESSMENT CODE	PATENT CLASSIFICATION	COMMENTS
JAPANESE PATENT LAID OPEN (KOKAI) No. 2002-×××××	PROGRAM AUTOMATIZATION	CPU	PROGRAM AUTOMATIZATION PRINTING	101 201	G06F 17/00	EMPHASIS IN MARKETING
JAPANESE PATENT LAID OPEN (KOKAI) No. 2001-×××××	PROGRAM		PROCESSOR	102 202 301	G06F 13/00	

21/37

FIG. 21



22/37

FIG. 22

L401

OFFICIAL NOTICE LIST DISPLAY WINDOW						
PUBLICATION No.	CLAIMS	PRIOR ART	EMBODIMENT	ADVANTAGE	ASSESSMENT CODE	PATENT CLASSIFICATION
JAPANESE PATENT LAID OPEN(KOKAI) No. 2002-xxxxxx	PROGRAM AUTOMATIZATION	CPU	PROGRAM AUTOMATIZATION PRINTING	PROGRAM AUTOMATIZATION		G06F 17/00
JAPANESE PATENT LAID OPEN(KOKAI) No. 2001-xxxxxx	PROGRAM		PROCESSOR	PROGRAM		
---	---	---	---	---	---	---
---	---	---	---	---	---	---

401

402

403

404

P401

23/37

FIG. 23

L402

B403

411

412

B402

413

414

P402

OFFICIAL NOTICE ASSESSMENT INPUT WINDOW

END

JAPANESE PATENT LAID OPEN
(KOKAI) No. 2002-XXXXXX

COMPANY B DATE:XXXX,
200X FILLED APPLICATION

CLAIMS	PRIOR ART	EMBODIMENT	ADVANTAGE
PROGRAM AUTOMATIZATION	CPU	PROGRAM AUTOMATIZATION PRINTING	PROGRAM AUTOMATIZATION

B401 ASSESSMENT CODE LIST BOX

ASSESSMENT CODE

101: REFERENCE TO CLAIMS

ADD

ADDED ASSESSMENT CODE

101: REFERENCE TO CLAIMS

102: IMPOSSIBILITY OF CONFLICT

COMMENTS:

FIG. 3 WILL BE USED IN THE PRIOR ART

24/37

FIG. 24

L401

OFFICIAL NOTICE LIST DISPLAY WINDOW							
PUBLICATION No.	CLAIMS	PRIOR ART	EMBODIMENT	ADVANTAGE	ASSESSMENT CODE	PATENT CLASSIFICATION	COMMENTS
JAPANESE PATENT LAID OPEN(KOKAI) No. 2002-XXXXX	PROGRAM AUTOMATIZATION	CPU	PROGRAM AUTOMATIZATION/ PRINTING	PROGRAM AUTOMATIZATION	REFERENCE TO CLAIMS IMPOSSIBILITY OF CONFLICT	G06F 17/00	FIG. 3 WILL BE USED IN THE PRIOR ART
JAPANESE PATENT LAID OPEN(KOKAI) No. 2001-XXXXX	PROGRAM		PROCESSOR	PROGRAM			

401

402

403

404

P403

25/37

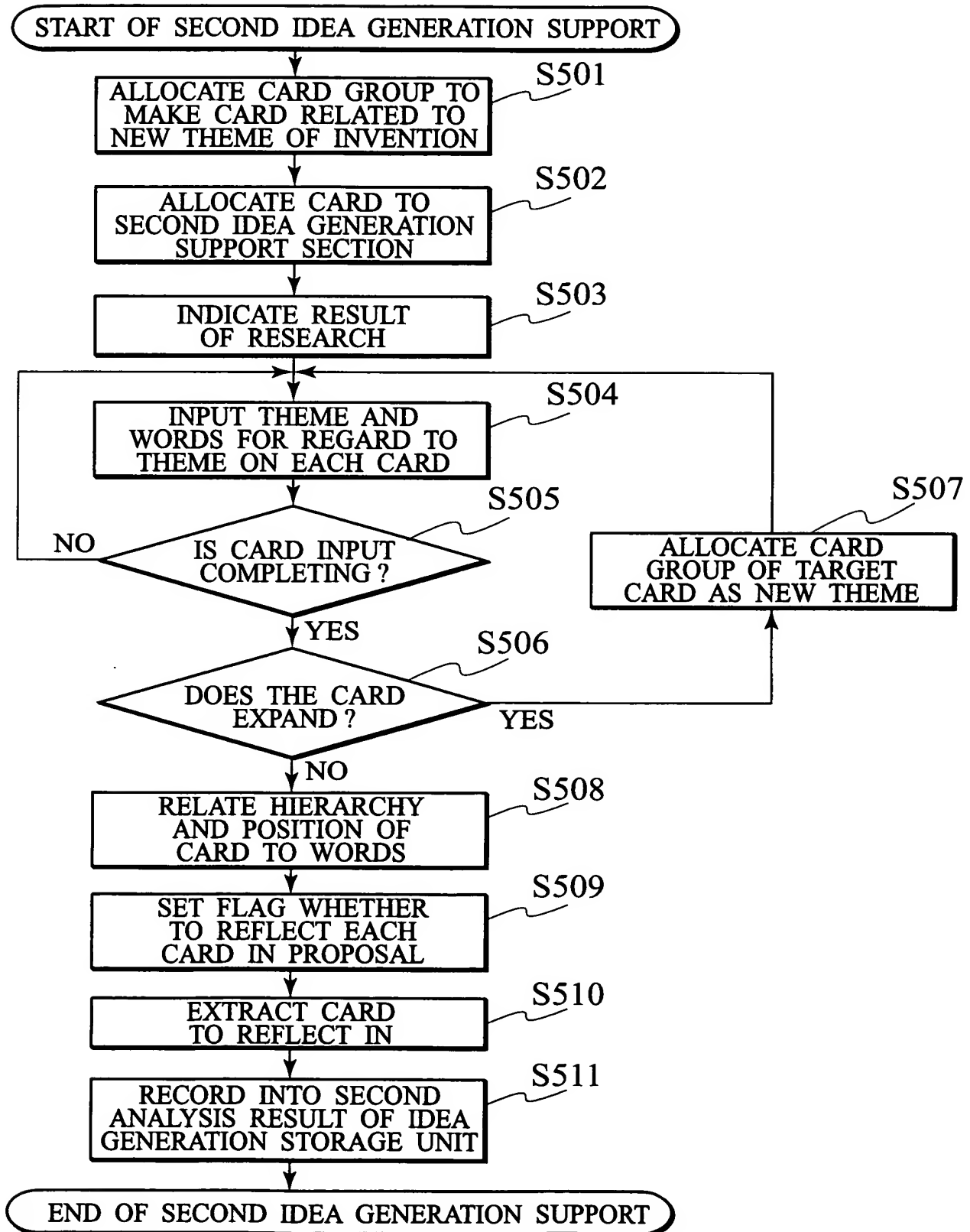
FIG. 25

21

CARD No.	HIERARCHY	POSITION	PARENT CARD No.	THEME	WORDS	COMMENT CODE	DOCUMENT REFLECTION ITEM
1	0	0	-	PRESS APPARATUS			NON-REFLECTION
2	0	1	-	RELIABILITY IMPROVEMENT	AIM AT ERROR RATE TO 7% OR LESS	1	NON-REFLECTION
3	0	2	-	PRODUCTIVITY IMPROVEMENT	AIM AT 10-FOLD IMPROVEMENT	1	OBJECT
4	0	3	-	COST REDUCTION	10% COST CUTTING	1	NON-REFLECTION
::	::	::	::	::	::	::	::
21	1	1	2	PROCESSING SPEEDUP	AIM AT 10-FOLD IMPROVEMENT	1	NON-REFLECTION
::	::	::	::	::	::	::	::
21a	2	a	21	TRANSPORTATION SPEEDUP	FEAR OF QUALITY DEGRADATION	2	OTHER EMBODIMENTS
21b	2	b	21	ROLLER SPEEDUP	AUTOMATIZATION OF CONTROLLER	2	FIRST EMBODIMENT
::	::	::	::	::	::	::	::

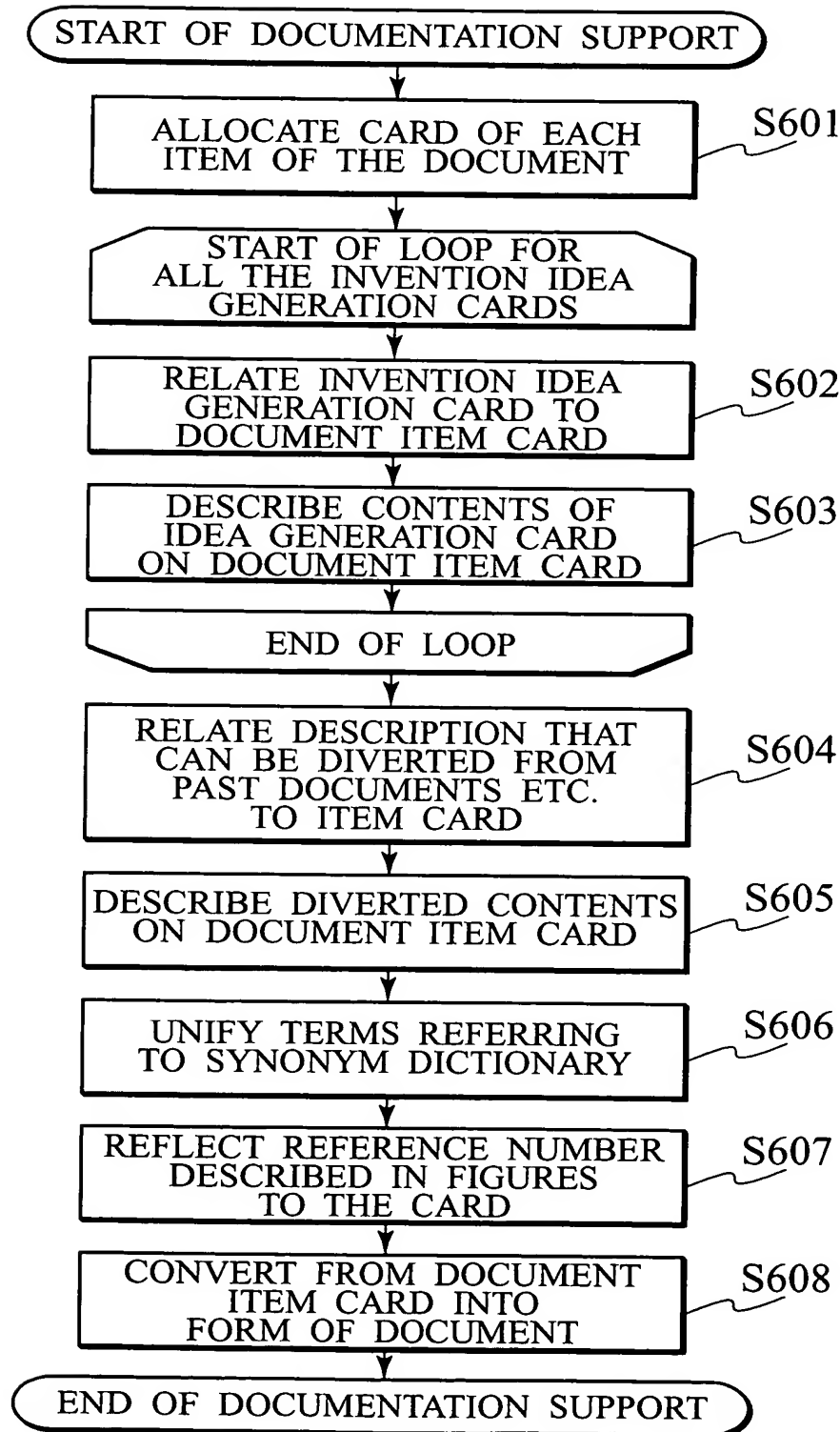
26/37

FIG. 26



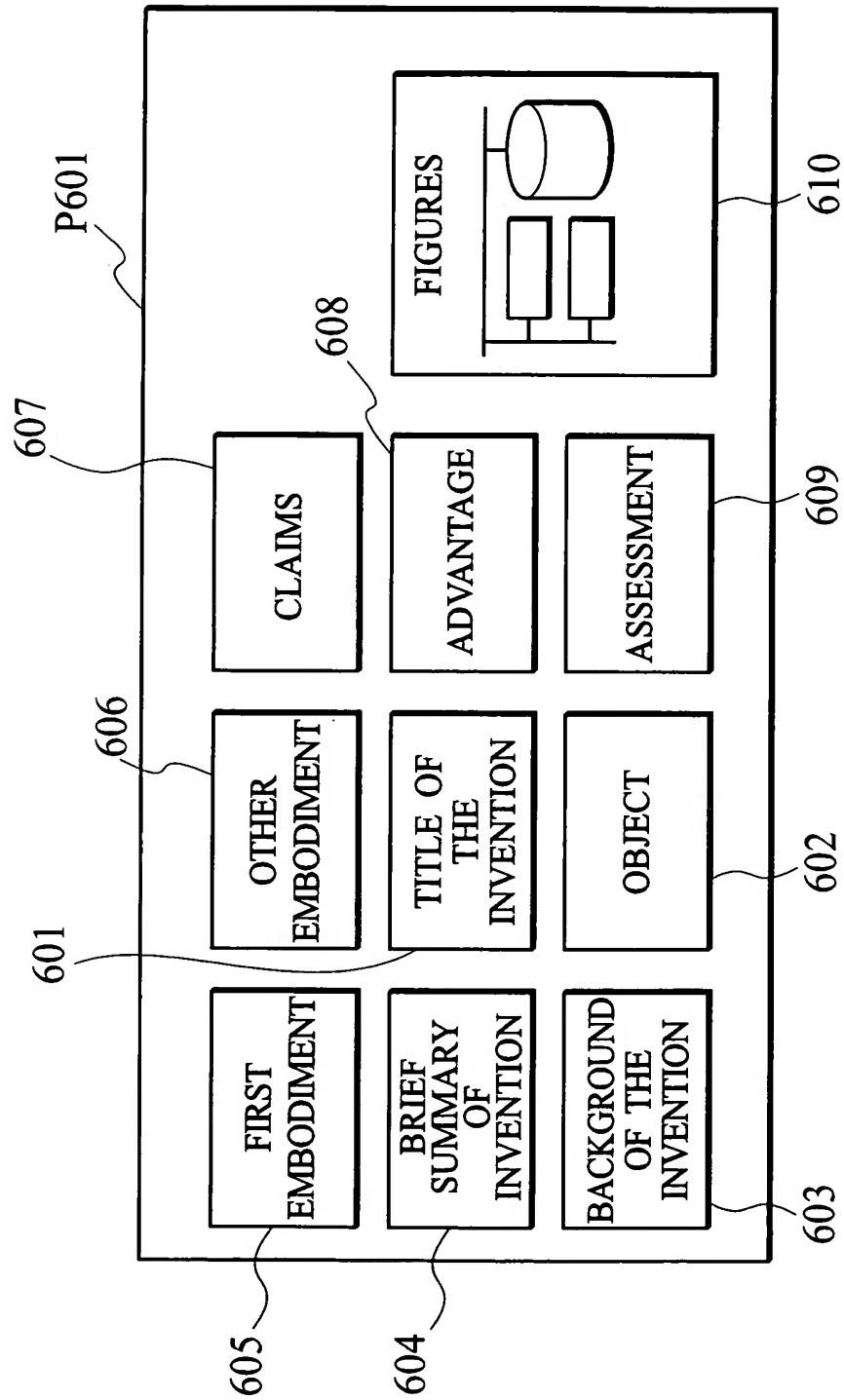
27/37

FIG. 27



28/37

FIG. 28



29/37

FIG. 29

Q : HOW DID YOU DEAL CONVENTIONALLY ?		
DESCRIPTION FROM INVENTION IDEA GENERATION	<ul style="list-style-type: none"> • ABC is achieved by the XYZ means. • Composition of ***. • XXX is possible. 	
DIVERSION FROM OFFICIAL NOTICE	<p>CONVENTIONALLY, WHEN @@@ WAS DONE, IT HAS BEEN ACHIEVED LIKE XXX (FOR EXAMPLE, PATENT DOCUMENT 1).</p> <p>[PATENT DOCUMENT 1] JAPANESE PATENT LAID OPEN PUBLICATION (KOKAI) No. 2002-XXXXX</p>	<p>OFFICIAL NOTICE : JAPANESE PATENT LAID OPEN PUBLICATION (KOKAI) No. 2002-XXXX</p> <p>THE PRESENT INVENTION IS ACHIEVED LIKE XXX IN ORDER DO @@@.</p>
ADDENDUM	613 OFFICIAL NOTICE EDITORIAL SECTION	

P602

30/37

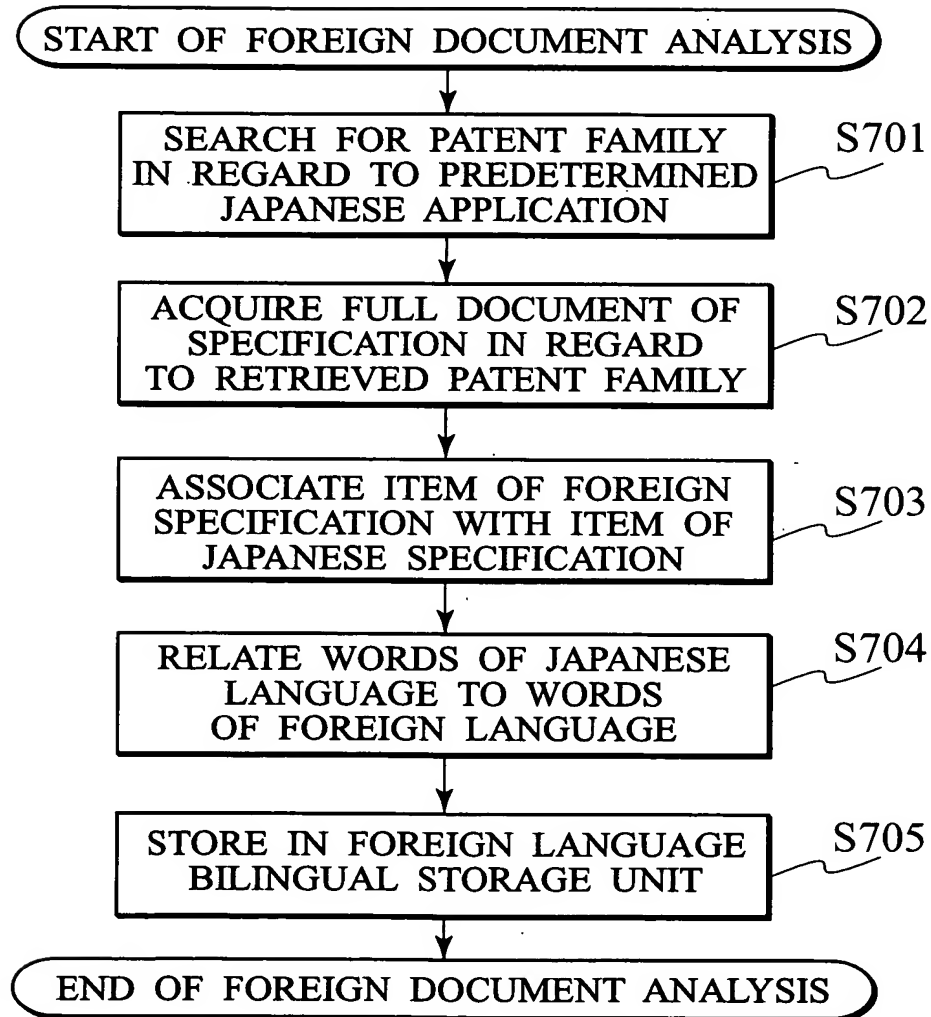
FIG. 30

23

PUBLICATION No.	JAPAN	UNITED STATES	EUROPE
×,×××,×××	出力手段	display	output
×,×××,×××	表示手段	display	display
×,×××,×××	表示装置	display	display
-----	-----	-----	-----

31/37

FIG. 31



32/37

FIG. 32

B701				702	
JAPANESE PATENT LAID OPEN (KOKAI) No. 2002-XXXXXX		PATENT FAMILY	COMPANY B	APPLICATION TRANSLATION	
JAPAN		UNITED STATES		EUROPE	
【請求項1】 表示手段と、 と を備えることを特徴とする システム。		1.A--- system comprising: a display 707		1.A--- system comprising: an output 708	
703		706		705	
		704		P701	

FIG. 33

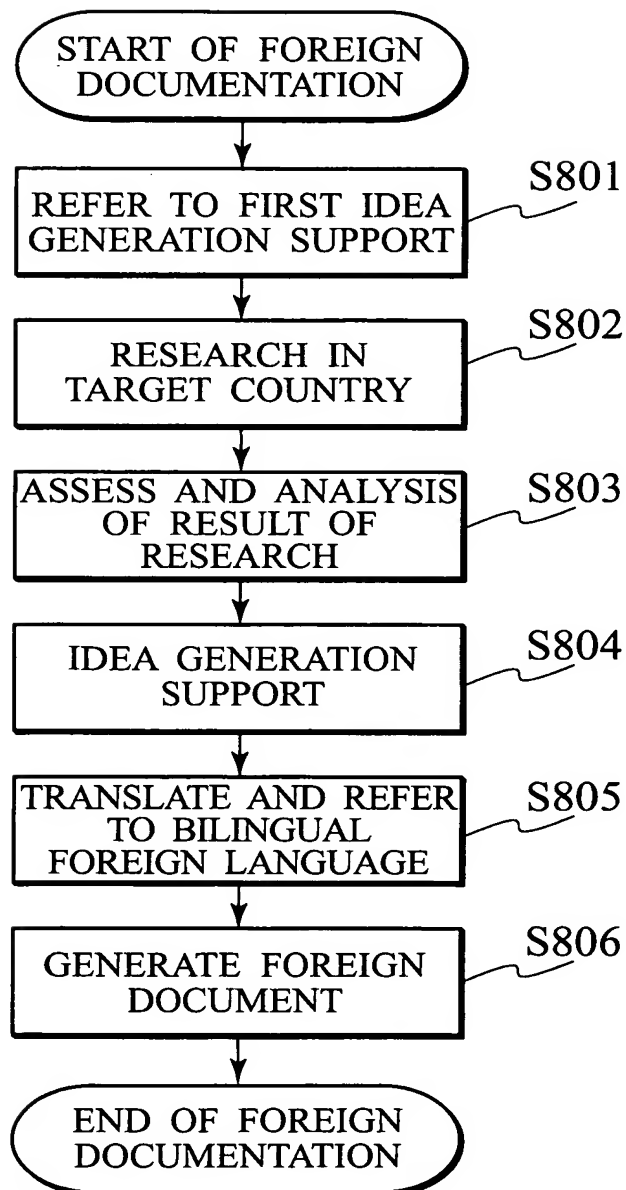
JAPANESE PATENT LAID OPEN (KOKAI) No. 2002-XXXXXX			PATENT FAMILY	COMPANY B	APPLICATION	UNDO
JAPAN			UNITED STATES		EUROPE	
【請求項1】 表示手段と、 と を備えることを特徴とする システム。 706			1. ディスプレイと、 と を備えることを特徴とする システム。 709		1. 出力装置と、 と を備えることを特徴とする システム。 710	

B702 702

703 704 705 P702

34/37

FIG. 34



36/37

FIG. 36

FIG. 36 is a schematic diagram of a document layout, likely a patent application form, divided into several sections and panels.

The main body of the form is divided into two primary horizontal sections, labeled **L811** (left) and **B811** (right).

Section L811 (Left):

- At the top, it contains the text: "APPLICATION OF GF06F BY COMPANY B".
- Below this, there is a series of lines, each starting with a dot (•) followed by a series of 'X's (XXXXXX), representing a list or index.
- At the bottom of this section, there is a dashed line (-----).

Section B811 (Right):

- At the top, there is a box labeled "UNDO".
- Below the "UNDO" box, the section is divided into four horizontal panels:
 - Panel 1:** Labeled "発明の背景" (Background of the Invention). It contains the text "1. 技術分野" (Technical Field) followed by two dashed lines (-----).
 - Panel 2:** Labeled "2. 関連技術の記載" (Description of Related Art). It contains two dashed lines (-----).
 - Panel 3:** Labeled "発明の開示" (Disclosure of the Invention). It contains a dashed line (-----).
- At the bottom of the B811 section, there is a dashed line (-----).

Other Elements:

- On the far right, there is a vertical column labeled "図面" (Drawings). It contains a box labeled "図 1" (Figure 1) which is empty.
- On the far left, there is a vertical column labeled "図面" (Drawings).
- At the bottom of the form, there is a large bracketed area labeled **811** on the left and **812** on the right.
- At the bottom right, there is a bracketed area labeled **803** and **P802**.

37/37

FIG. 37

